

## ABSTRACT

The present invention provides an immunoassay for specifically measuring with high sensitivity PIVKA-II in serum or  
5 plasma through antigen-antibody reaction by adding an animal serum containing thrombin and/or an antibody reacting with human fibrin-like related substances to the reagents. The immunoassay of the invention comprises the steps of adding thrombin and/or an antibody reacting with human fibrin-like  
10 related substances to the reagents, and measuring PIVKA-II in serum or plasma.